

**WEST****End of Result Set**

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L11: Entry 2 of 2

File: USPT

Feb 13, 1990

DOCUMENT-IDENTIFIER: US 4900933 A

TITLE: Excitation and detection apparatus for remote sensor connected by optical fiber

BSPR:

U.S. Pat. No. 3,971,941, issued July 27, 1976 to Sewell et al discloses a radiation detecting system for viewing and imaging wherein infrared radiation is converted to shorter wavelength radiation while preserving the spatial information of the target input. The disclosed system utilizes a gateable detector for temporal discrimination to eliminate the influence of short-term emissions from the quantum mechanical substance.

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L11: Entry 1 of 2

File: USPT

Dec 26, 2000

DOCUMENT-IDENTIFIER: US 6166689 A

TITLE: Adaptive beamformer with beam mainlobe maintenance

## DEPR:

From the foregoing it will be apparent that the addition of a spatial notch filter or a plurality of such filters to an adaptive beamformer in any of the several alternative arrangements described serves to extend the usefulness of the basic adaptive beamforming configuration, for radar, sonar and other receiving systems, to applications where temporal discrimination between interference and useful signal is not possible. While in this description of the invention only certain presently preferred embodiments have been illustrated and described by way of example, many modifications will occur to those skilled in the art and it therefore should be understood that the appended claims are intended to cover all such modifications as fall within the true spirit and scope of the invention.